

EDUCATION

Bachelor of Technology (B.Tech), Information Technology

NIT Durgapur

2017 - 2021

CGPA: 8.61/10

Senior Secondary (XII), Science

Oriental College

(B.S.E.B. board)

Year of completion: 2017

Percentage: 70.00%

Secondary (X)

Presidency School

(CBSE board)

Year of completion: 2015

CGPA: 9.40/10

INTERNSHIPS

Research Intern

National Institute Of Technology, Durgapur, Virtual

May 2020 - Jul 2020

Our model is 'Secure Digital Academic Certificate using Blockchain'

We developed a from the generation of a digital academic certificate using steganography to verification of these certificates.

Blockchain is used to provide decentralization.

Research Intern

Indian Institute of Technology, Patna, Patna

May 2019 - Jul 2019

I work on 'Gender, Age and dialect Recognition using Tweets in a deep learning framework'.

Implement the model on Arabic tweets.

Our model is based on the LSTM model with special feature extraction.

POSITIONS OF RESPONSIBILITY

Convener of 'THINK INDIA - NIT DURGAPUR'

Creative Head of Hindi club 'DARPAN'

PROJECTS

Seat Allocation in admissions

Nov 2019 - Dec 2019

Our model is a stable-matching algorithm based on Game theory.

This model is used for efficient seat allocations and reallocation in admissions.

Stegnography model using cryptography for multi Biometric Authentication

Aug 2019 - Oct 2019

Biometric identification system using steganography and cryptography.
We are using images of 5 different persons in the dataset.

Generation of cooking fuel using septic tank

Jun 2015 - Jul 2015

The main goal is to reduce the uses of LPG in the household. So we will provide the fuel which is methane present in their septic tank. This is economically cheap and good for environment.

SKILLS

C Programming

Intermediate

Python

Advanced

MATLAB

Beginner

C++ Programming

Intermediate

HTML

Beginner

Database Management System (DBMS)

Intermediate

English Proficiency (Spoken)

Intermediate

Deep Learning

Intermediate

Embedded Systems

Beginner

Image Processing

Intermediate

Blockchain

Beginner

WORK SAMPLES

GitHub profile

<https://github.com/purushottam22>

ADDITIONAL DETAILS

Publish a research paper named " Gender, Age and dialect Recognition using Tweets in a deep learning framework - Notebook for FIRE 2019" on 12 th Dec 2019.

Submit a research paper named "Steganography model using cryptography for multi Biometric Authentication" at Springer Journals.

A model named "Earthworm Cultivation using IOT Enable Systems" is selected on Digital India theme in Science Engineering Model Competition at Indian International Science Festival 2019, Kolkata.